

# *PhenoSense-HBV: Indicator Gene Viral Vector*

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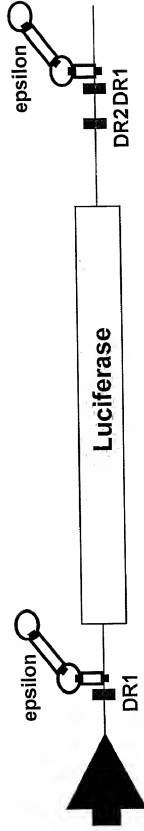
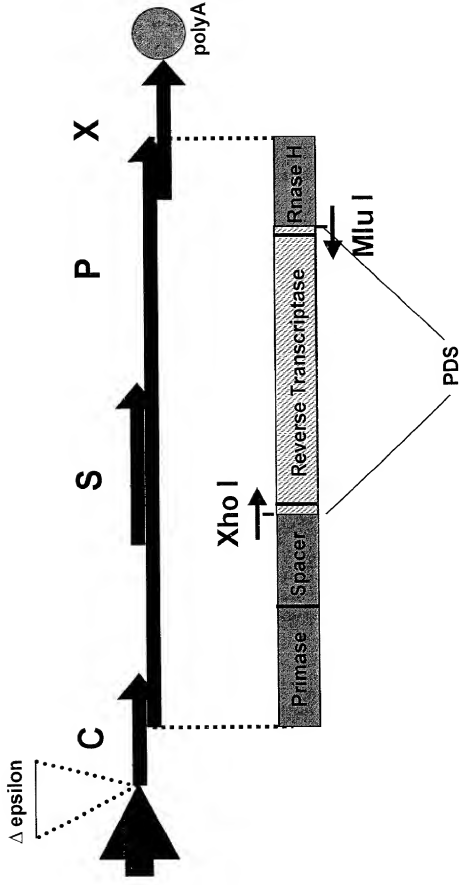


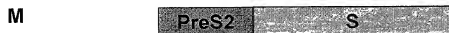
Figure 2

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## PhenoSense-HBV: Resistance Test Vector



# A) HBV



# B) HFV



# C1) HBV/HFV



# C2) HBV/HFV

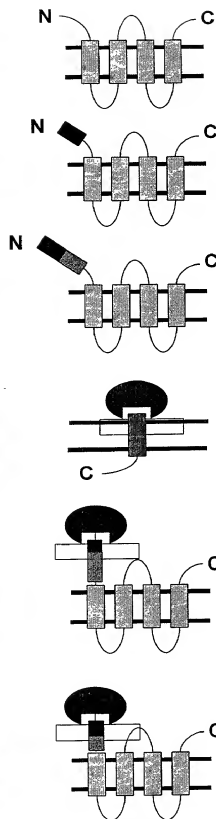


Figure 3

Organization of HBV and HFV envelope proteins

- HBV env, S, PreS2, PreS1 domains represent the small (S), middle (M), and large (L) surface proteins, respectively
- HFV SU = surface, TM = transmembrane
- Chimeric HBV/HFV env fusion protein with PreS1N-term deletion
- Chimeric HBV/HFV env fusion protein with PreS1 N-term deletion and PreS2 C-term deletion